

Tab. 1a Adjusted Odds Ratios from a multivariable logistic regression for self-reported previous STI (diagnosed positive)

| Previous STI | Odds Ratio | p-value | 95% CI | |
|--|-------------|---------|--------|-------|
| Age group | | | | |
| 18-20 | ref. | | | |
| 21-30 | 1.55 | 0.313 | 0.66 | 3.61 |
| 31-40 | 2.59 | 0.029 | 1.10 | 6.07 |
| 41-50 | 2.96 | 0.023 | 1.16 | 7.54 |
| >50 | 4.74 | 0.006 | 1.56 | 14.48 |
| Number of sexual male partners in the last 12 months | | | | |
| 1 | ref. | | | |
| 2-4 | 0.72 | 0.289 | 0.40 | 1.32 |
| 5-12 | 1.66 | 0.091 | 0.92 | 3.00 |
| >12 | 2.60 | 0.002 | 1.42 | 4.73 |
| Frequency of visiting gay clubs, bars, discos to meet sexual partners | | | | |
| Many times | ref. | | | |
| Sometimes | 1.09 | 0.776 | 0.60 | 1.98 |
| Rarely | 1.52 | 0.173 | 0.83 | 2.79 |
| Doesn't visit | 0.98 | 0.955 | 0.48 | 2.01 |
| Condom use in last sexual intercourse | | | | |
| No | ref. | | | |
| Yes | 0.48 | 0.001 | 0.31 | 0.75 |
| Popper use before or during last sexual intercourse | | | | |
| No | ref. | | | |
| Yes | 1.34 | 0.346 | 0.73 | 2.45 |
| Alcohol use before or during last sexual intercourse | | | | |
| No | ref. | | | |
| Yes | 1.29 | 0.237 | 0.85 | 1.95 |

Tab. 2a Adjusted Odds Ratios from a multivariable MIXED EFFECT logistic regression for self-reported previous STI (diagnosed positive) with age group as a random effect

| Previous STI | Odds Ratio | p-value | 95% CI | |
|--|-------------|---------|--------|------|
| FIXED EFFECT | | | | |
| Number of sexual male partners in the last 12 months | | | | |
| 1 | ref. | | | |
| 2-4 | 0.73 | 0.302 | 0.40 | 1.33 |
| 5-12 | 1.67 | 0.086 | 0.93 | 3.01 |
| >12 | 2.68 | 0.001 | 1.47 | 4.89 |
| Frequency of visiting gay clubs, bars, discos to meet sexual partners | | | | |
| Many times | ref. | | | |
| Sometimes | 1.10 | 0.750 | 0.61 | 2.00 |
| Rarely | 1.55 | 0.156 | 0.85 | 2.83 |
| Doesn't visit | 1.02 | 0.953 | 0.50 | 2.09 |
| Condom use in last sexual intercourse | | | | |
| No | ref. | | | |
| Yes | 0.47 | 0.001 | 0.30 | 0.74 |
| Popper use before or during last sexual intercourse | | | | |
| No | ref. | | | |
| Yes | 1.34 | 0.343 | 0.73 | 2.44 |
| Alcohol use before or during last sexual intercourse | | | | |
| No | ref. | | | |
| Yes | 1.29 | 0.224 | 0.85 | 1.96 |
| RANDOM EFFECT | | | | |
| AGE GROUP (var) | 0.11 | | 0.01 | 1.18 |

Tab. 3a Adjusted Odds Ratios from a multivariable MIXED EFFECT logistic regression for self-reported previous STI (diagnosed positive) with number of sexual male partners in the last 12 months as a random effect

| Previous STI | Odds Ratio | p-value | 95% CI | |
|--|-------------|---------|--------|-------|
| FIXED EFFECT | | | | |
| Age group | | | | |
| 18-20 | ref. | | | |
| 21-30 | 1.56 | 0.303 | 0.67 | 3.64 |
| 31-40 | 2.65 | 0.024 | 1.13 | 6.22 |
| 41-50 | 3.04 | 0.020 | 1.20 | 7.75 |
| >50 | 4.76 | 0.006 | 1.57 | 14.45 |
| Frequency of visiting gay clubs, bars, discos to meet sexual partners | | | | |
| Many times | ref. | | | |
| Sometimes | 1.08 | 0.806 | 0.59 | 1.96 |
| Rarely | 1.47 | 0.216 | 0.80 | 2.68 |
| Doesn't visit | 0.91 | 0.794 | 0.44 | 1.86 |
| Condom use in last sexual intercourse | | | | |
| No | ref. | | | |
| Yes | 0.50 | 0.002 | 0.32 | 0.78 |
| Popper use before or during last sexual intercourse | | | | |
| No | ref. | | | |
| Yes | 1.40 | 0.270 | 0.77 | 2.57 |
| Alcohol use before or during last sexual intercourse | | | | |
| No | ref. | | | |
| Yes | 1.30 | 0.219 | 0.86 | 1.97 |
| RANDOM EFFECT | | | | |
| Number of sexual male partners in the last 12 months (var) | 0.19 | | 0.03 | 1.04 |

Tab. 4a Adjusted Odds Ratios from a multivariable MIXED EFFECT logistic regression for self-reported previous STI (diagnosed positive) with condom use in last sexual intercourse as a random effect

| Previous STI | Odds Ratio | p-value | 95% CI | |
|--|-------------|---------|--------|-------|
| FIXED EFFECT | | | | |
| Age group | | | | |
| 18-20 | ref. | | | |
| 21-30 | 1.54 | 0.317 | 0.66 | 3.60 |
| 31-40 | 2.59 | 0.029 | 1.11 | 6.06 |
| 41-50 | 2.96 | 0.023 | 1.16 | 7.54 |
| >50 | 4.78 | 0.006 | 1.57 | 14.52 |
| Number of sexual male partners in the last 12 months | | | | |
| 1 | ref. | | | |
| 2-4 | 0.69 | 0.233 | 0.38 | 1.27 |
| 5-12 | 1.56 | 0.139 | 0.86 | 2.83 |
| >12 | 2.43 | 0.004 | 1.32 | 4.44 |
| Frequency of visiting gay clubs, bars, discos to meet sexual partners | | | | |
| Many times | 1.10 | 0.757 | 0.61 | 2.00 |
| Sometimes | 1.54 | 0.165 | 0.84 | 2.81 |
| Rarely | 0.99 | 0.970 | 0.48 | 2.02 |
| Doesn't visit | | | | |
| Popper use before or during last sexual intercourse | | | | |
| No | ref. | | | |
| Yes | 1.35 | 0.331 | 0.74 | 2.46 |
| Alcohol use before or during last sexual intercourse | | | | |
| No | ref. | | | |
| Yes | 1.28 | 0.250 | 0.84 | 1.94 |
| RANDOM EFFECT | | | | |
| Condom use in last sexual intercourse (var) | 0.10 | | 0.01 | 1.21 |